

ABSTRACT OF THE DISCLOSURE

A system and architecture that supports an integrated imaging module for use between networks and portable communications products. The integrated imaging module contains a lens, memory, input/output means, and a multi-function semiconductor device, such as a Complementary Metal-Oxide Semiconductor (CMOS). Within the design of the CMOS device are the functions of still and full-motion digital imaging, image processing, automatic identification, a secure personal database, biometric attribute identification for access control, personal finance information, wireless communication protocols, general purpose processing, and memory. The module may be incorporated into any portable wireless communication product and used to capture text and image data for incorporation into a wireless transmission to a remote device.